

From the Director

July 10, 2015



From the Director

This year, the Laboratory is marking the 70th anniversary of the Trinity Test because it not only ushered in the Nuclear Age, but with it the origin of today's advanced supercomputing. We live in the Age of Supercomputers due in large part to nuclear weapons science here at Los Alamos.

"Highly accurate 3D computing is a Holy Grail of the Stockpile Stewardship Program's supercomputing efforts. As the weapons age, 3D features tend to be introduced that require highly accurate 3D modeling to understand. This is a great challenge reminiscent of the one faced by the Manhattan Project. The challenge then was to build the first nuclear weapon that works. Now our challenge is to understand how and why a weapon works well enough to confidently predict its performance."

Director Charles McMillan

Los Alamos National Laboratory

www.lanl.gov

(505) 667-7000

Los Alamos, NM

Operated by Los Alamos National Security, LLC for the Department of Energy's NNSA

